

Amendment After Final Rejection
Serial No. 09/821,129

Docket No. FR000033

IN THE CLAIMS:

Kindly replace the claims of record with the following full set of claims:

1. (Currently amended) A telecommunications network comprising at least:
 - a transmitter terminal including a multi-media scene description coder for producing a data stream which contains a plurality of access points formed by data that was coded at a given instant and that provides a description of a particular complete scene, and
 - a receiver terminal arranged to be connectable, at any arbitrary point in time, to said transmitter terminal for receiving said data stream,
 - wherein said transmitter terminal includes a storage memory for storing the coded data for use at a plurality of instants later than said given instant in respectively forming the plural access points, wherein said plurality of instants are stored at a first known rate beginning at a known offset value from the given instant.
2. (Currently amended) A terminal including a multi-media scene description coder for delivering a data stream which includes a plurality of access points formed by data that was coded at a given instant and that provides a description of a particular complete scene, said terminal including a storage memory for storing the coded data for use at a plurality of instants later than said given instant in respectively forming the plural access points, wherein said plurality of instants are stored at a first known rate beginning at a known offset value from the given instant.
3. (previously presented) A terminal as claimed in claim 2, wherein the access points are made in the data stream in timing with a replacement clock, said data stream including data relating to modifications to be applied to said scene which are introduced into the stream in timing with a modification clock which presents a non-zero phase shift relative to the replacement clock.

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4. (previously presented) A terminal as claimed in claim 2, wherein said description is renewed in timing with a replacement clock.

5. (Currently amended) A method of forming, in a data stream, access points by data coded at a given instant, said access points providing a description of a particular complete scene, comprising:

storing said coded data; and

using the stored data at several later instants to form respective ones of said access points, wherein the several later instants are taken at a first known rate beginning at a known offset value from the given instant.

6. (previously presented) A method as claimed in claim 5 of forming access points in a data stream, wherein the access points are made in the data stream in timing with a replacement clock, said data stream containing data relating to modifications to be made in a scene, which are made in the stream in timing with a modification clock which presents a non-zero phase shift relative to the replacement clock.

7. (previously presented) A method as claimed in claim 6, wherein said description is renewed in timing with a replacement clock.

8. (Currently amended) A signal receivable by a receiver terminal capable of rendering video based on the received signal, said signal configured for conveying a data stream which includes access points formed by data coded at a given instant and providing a description of a particular complete scene, wherein at least various successive access points are formed using the same description of the particular complete scene and received at a first known rate beginning at a known offset value from the given instant. ~~wherein said description changes in timing with a replacement clock.~~

9. (canceled)

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10. (Currently amended) A telecommunications network comprising at least:
a transmitter terminal including a multi-media scene description coder for producing a data stream which contains a plurality of access points, each of the plural access points being formed by data coded at a first known rate beginning at a known offset value from a respective given instant and relating to a description of a respective scene;

a receiver terminal arranged to be connectable at any moment to said transmitter terminal for receiving said data stream; and

a storage memory;

wherein said transmitter terminal is configured for storing, in said storage memory, said data coded at an instant of the given instants and for using the stored data, at multiple instants later than said instant of the given instants, to form multiple respective ones of said plural access points, said plural access points defining the points in said stream via any one or more of which a receiver of said stream receives scene description to which updates arriving in said stream are applicable.

11. (Currently amended) A terminal including a multi-media scene description coder configured for delivering a data stream which includes a plurality of access points, each of the plural access points being formed by data coded at a first known rate beginning at a known offset value from respective given instant and relating to a description of a respective scene, wherein said terminal includes a storage memory and is configured for storing, in said storage memory, said data coded at an instant of the given instants and for using the stored data, at multiple instants later than said instant of the given instants, to form multiple respective ones of said plural access points, said plural access points defining the points in said stream via any one or more of which a receiver of said stream receives scene description to which updates arriving in said stream are applicable.

12. (previously presented) The terminal of claim 11, wherein the forming of the plural access points occurs in synchrony with timing provided by a replacement clock, said data stream including data that relate to modifications to be applied to

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corresponding ones of the respective scene descriptions, said data of said data stream being introduced into the stream in synchrony with timing provided by a modification clock, said timing of the modification clock presenting a non-zero phase shift relative to said timing of the replacement clock.

13. (previously presented) A terminal of claim 11, wherein said description of a respective scene is renewed in synchrony with timing of a replacement clock.

14. (Currently amended) A method of forming access points in a data stream comprising:

storing data coded at a given instant, the stored data relating to description of a scene; and

using, at multiple later instants, the stored data to form multiple respective access points in said data stream, said access points defining the points in said stream via any one or more of which a receiver of said stream receives scene description to which updates arriving in said stream are applicable, wherein said later instants are formed at a first known rate beginning at a known offset value from the given instant.

15. (previously presented) A method of claim 14, wherein said storing is repeated for data coded at another given instant, said using is correspondingly repeated for said data coded at another given instant, said forming of said access points in said data stream occurring in synchrony with timing of a replacement clock, wherein modification of scene description associated with corresponding ones of said access points occurs in synchrony with timing of a modification clock, the timing of the modification clock presenting a non-zero phase shift relative to the timing of the replacement clock.

16. (previously presented) The method of claim 15, wherein said scene description is renewed in synchrony with timing of a replacement clock so that said modification before renewal applies to scene description different than that to which said modification is applied after said renewal.

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17. (Currently amended) A signal receivable by a receiver terminal capable of rendering video based on the received signal, said signal conveying a data stream which includes access points formed at a first known rate beginning at a known offset value from the given instant by coded data such that an access point relates to a corresponding description of a scene, wherein multiple successive ones of said access points are formed by the same description of said scene, said access points defining the points in said stream via any one or more of which a receiver of said stream receives scene description to which updates arriving in said stream are applicable, wherein said corresponding description changes at related ones of said access points in synchrony with timing of a replacement clock.

18. (previously presented) The signal of claim 17, wherein said access points occur in said data stream at a first constant time-interval, data relating to modifications of the descriptions occurring in said data stream at a second constant time-interval, the time-intervals being configured and arranged out of phase so that no access point temporally coincides, in said stream, with said data relating to modifications.

19. (previously presented) The network of claim 10, further comprising an object source having a catalog, a camera and a recorder, said transmitter further including:

- an object encoder;
- first and second formatting devices; and
- a multiplexer;

wherein the first formatting device is connected to receive output of the object encoder and to output to said multiplexer, and

wherein said description coder includes said memory, a coding block for inputting into said memory, and a switch block for selectively routing output, from the coding block and the memory, to the second formatting device for output to the multiplexer.